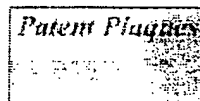


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JP10024010A2: FLUORESCENT ENDOSCOPE

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Country: **JP Japan**
 Kind:
 Inventor(s): **FURUSAWA KOICHI**
 Applicant(s): **ASAHI OPTICAL CO LTD**
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 Issued/Filed Dates: **Jan. 27, 1998 / July 11, 1996**
 Application Number: **JP1996000181781**
 IPC Class: **A61B 1/00; G02B 23/24;**

Abstract: **Problem to be solved:** To provide a fluorescent endoscope by which good fluorescent observation can be carried out, even if the wavelength of the fluorescence produced by normal cells, and the wavelength of the excitation light for producing the fluorescence differs with the portion or the individual.
Solution: A fluorescent endoscope is provided with a light source 20 for supplying an endoscope 10 with the lighting rays including the light in a wavelength region for exciting the fluorescence from an organism, a fluorescent image observing part 30 for observing the fluorescent image obtained by being excited by the excitation light, and a transmission light selective means 37 by which the light in the wavelength region of the fluorescence is transmitted to the observing part 30 so that the light in the wavelength region of the lighting rays is cut in the observing optical path of the endoscope 10 reaching the fluorescent image observing part 30. In this case, the transmission light selective means 37 is provided with a transmission wavelength region variable means for variably changing the wavelength region of the transmission light, and also the light source 20 is provided with an excitation lightwave region variable means for variably changing the wavelength region of the excitation light to be supplied to the endoscope 10.
 COPYRIGHT: (C)1998,JPO

Other Abstract: none
 Info:
 Foreign: (No patents reference this one)
 References:

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